This Form is for INTERNAL PTO USE ONLY It does NOT get mailed to the applicant.

NOTICE OF FILING / CLAIM FEE(S) DUE (CALCULATION SHEET)

APPLICATION NUMBER: 09/103745

Total Fee Calculation

	Fee Code	Total # Claims	Number Extra	_X	Fee	Fee	=	Total
	Sm./Lg.				Sm. Entity	Lg. Entity		
Basic Filing Fee	20 (101	,/				790.00	=	190.00
Total Claims >20	203 (103	4 -20	=	x			=	
Independent Claims >3	202(102)		=	x			=	
Mult. Dep Claim Present	204/104					 	=	
Surcharge	2051105					130.00	=	130.00
English Translation	139							
TOTAL FEE CALCULA								9 <u>20.</u> 02
Fees due upon filing t	the application:							
Total Filing Fees Due	s = \$	92	W.00					
Less Filing Fees Subr	nitted - \$	0			NO	FEE		
BALANCE DUE	= \$	920	.80					
Office of Initial Paten	t Examination	1						

Figure 7

FORM OIPE-RAM-01 (Rev. 12/97)

<u> </u>													
DATENT ADDI ICATION FEE DETERMINATION DECO								Application or Docket Number					
PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 1997									09/103745				
	CLAIMS AS FILED - PART I (Column 1) (Column 2)							SMALL ENTITY TYPE			OTHER THAN SMALL ENTITY		
FOR			JMBER FILED	IBER FILED		NUMBER EXTRA		RATE FEE			RATE	FEE	
BASIC FEE				30.7				395.00				790.00	
TOTAL CLAIMS			H min	ninus 20 = *			x\$	x\$11=			x\$22=		
INDEPENDENT CLAIMS / minus 3 = *				X	x41=			x82=	ر				
MULTIPLE DEPENDENT CLAIM PRESENT /V							+1	+135=			+270=		
* If the difference in column 1 is less than zero, enter "0" in column 2							TO	TOTAL			TOTAL	79000	
CLAIMS AS AMENDED - PART II								OTHER THAN					
	Appendix of the Appendix of th	(Column	•	(C	olumn 2)	(Column 3)	. s	MAL	L ENTITY	OR	SMALL	ENTITY	
AMENDMENT A		CLAIMS REMAINII AFTER AMENDME	NG Z	PRE	IGHEST UMBER EVIOUSLY AID FOR	PRESENT EXTRA	R/	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
NDM	Total	*	Minus	**		=	x\$	11=		OR	x\$22=		
ME	Independent	*	Minus	***		=	x4	1=		OR	x82=		
_	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM						+1	35=		OR	+270=		
(Column 1) (Column 2) (Column 3)							ADDIT	OTAL		OR	TOTAL ADDIT. FEE		
ENT B		CLAIMS REMAINII AFTER AMENDME	NG L	PRE	GHEST UMBER EVIOUSLY AID FOR	PRESENT EXTRA	R/	ATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
NO.	Total	*	Minus	**		= .	x\$	11=		OR	x\$22=		
AMENDMEN	Independent	*	Minus	***		=	x4	1=		OR	x82=		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM						+1	35=		OR	+270=		
(Column 1) (Column 2) (Column 3)							T ADDIT	OTAL		OR	TOTAL ADDIT. FEE		
ENT C		CLAIMS REMAININ AFTER AMENDME	NG	NI PRE	GHEST UMBER EVIOUSLY AID FOR	PRESENT EXTRA	RA	ATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
AMENDMENT	Total	*	Minus	**		·= ·	x\$11=			OR	x\$22=		
	Independent	Ŕ	Minus	***		} =	x4	1=		OR	x82=		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +135=									OR	+270=		
If the entry in column 1 is less than the entry in column 2, write "0" in column 3. **If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." *If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." TOTAL ADDIT. FEE The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.													

OR

Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Effective November 10, 1998 **CLAIMS AS FILED - PART I** SMALL ENTITY OTHER THAN (Column 1) (Column 2) TYPE [OR SMALL ENTITY NUMBER EXTRA FOR NUMBER FILED RATE FEE **RATE** FEE 380.00 760.00 BASIC FEE OR minus 20= TOTAL CLAIMS X\$ 9= X\$18= OR INDEPENDENT CLAIMS minus 3 =X39= X78= OR MULTIPLE DEPENDENT CLAIM PRESENT +130= +260= OR * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL OR TOTAL **CLAIMS AS AMENDED - PART II OTHER THAN** SMALL ENTITY SMALL ENTITY OR (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT RATE TIONAL RATE TIONAL AMENDMENT **AFTER PREVIOUSLY EXTRA** FEE FEE **AMENDMENT** PAID FOR Total Minus X\$18= X\$ 9= OR Independent Minus X78= X39= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +260= +130= OR TOTAL OR ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDi-ADDI-REMAINING NUMBER PRESENT RATE TIONAL TIONAL RATE AFTER **PREVIOUSLY** AMENDMENT EXTRA 1. 1. 1. 1. FEE **AMENDMENT** PAID FOR FEE Total Minus X\$18= X\$ 9= OR Independent Minus X78= X39= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +260= +130= TOTAL OR ADDIT, FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT TIONAL TIONAL RATE AMENDMENT RATE **AFTER PREVIOUSLY EXTRA** FEE **PAID FOR WENDMENT** FEE Sec. 68. **Total** Minus X\$18= X\$ 9= OR Independent Minus * 12 FM X39= X78= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. * If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." ADDIT, FEE

If the "Highest Number Previously Peld For", IN THIS SPACE is less than 3, enter "3."